

ABSTRACT OF THE DISCLOSURE

At least one computer system receives power from a power system having a maximum power output based on a nominal power consumption of the at least one computer system. The power system is operable to detect an amount of power consumed by the at least one computer system, and compare the power consumption to a threshold based on the maximum power output of the power supply. The power system is operable to place one or more components of the at least one computer system in a lower-power state to reduce power consumption in response to the amount of power consumed by the at least one computer system exceeding the threshold.